Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

SBR/NO:19

Date 28/7/2023

Bill Type::1st & Part Bill

Zone:BBMP,Yelahanka | Division:BBMP, Byatarayanapura | Sub-Division: Byatarayanapura

DR/58/28/7/23

Bill Received No. | Dated | Divisional / Sub-Divisional | Cash Book Voucher No.....Dated.....

Job Code: 009-23-000013

Schedule Docket No. | Head of Account: P3726, POW work | Est.Cost: Rs.75.00 Lakhs | INDENT NO.: 54320

Name of Work : Improvements to Roads Drains and Construction of Culverts at Amruthahalli and Surrounding area in ward no. 09

Name of Contractor and Full Address: Sri. M Prakash, S/o Munihuchappa, No. 41, 2nd Cross, Venkatappa layout, Amruthahalli, Bangalore-92

Reference to Agreement No. BBMP/EE/BTP/WO/178/2022-23 Date: 18.03.2023

Certified that the measurements were taken by me on: 12.06.2023 and recorded of Pages 351583-86 of measurement Book No. 3516/1617 and that work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that measurement were taken by me on 12/06/2023 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Accont have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Sub-Division Officer

1) Total value of work done or supplies made as per account within

2) Deduct amount to be held in reserve being.....Percent Rs..... 1st & part

3) " Balance

4) Deduct Payment:

a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No.....

adjusted towards cash advance recovery of

b) Payments cost store or other material supplied.

Now made recovery of amount creditable to this /other work

Amount paid on this bill Cheque/Cash.

5) Balance being unpaid value of work done held in reserve.

6) Deduct cash advance made on the Office cash Book Voucher No.....

dated .....less adjustments.

Total Amount Adjusted -

7) Net amount due to or from Contractor unadjustments items.

8) Advance to Contractor for materials brought to site (as detailed) within

9) Value of Government materials supplied.

TTD	3476280	00
I+	29460	00
Cast	29460	00
SGST	29460	00
Cess	29460	00
CBF	2946	00
LR	49494	00
Ded	170280	00
Net payable		

P3726

Received Rs.....(in words)... Contractor's Signature

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

(For use in the Office)

Witness

1

2

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Stamp

Cash Rs.....

Dated.....

Initials of Officer making payment

Head of Account Zonal maint/c Works - POW Works

Bill Passed for Rs. 3476280/-

Statutory Deductions Rs. 170280/- By Adjustment

Net Amount Paid Rs. 3306000/- By NEFT/RTGS

C/W 27/7/23

Account Superintendent
Byatarayanapura Division
BBMP

27/7/23

Executive Engineer
Byatarayanapura Division
BBMP

CONTRACTOR NAME:-Sri M Prakash

NAME OF WORK: Improvements to Roads, Drains and Constructions of Culverts at Amruthahalli and Surrounding areas in Ward No. 09, Amruthahalli.

Bill Type : 1st & Part bill

Sl. No	Description of Work	Units	Sch B Qty.	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
				Qty.	Cost	Qty.	Rate Rs. P.	Cost	Qty.	Cost	
1	Earth work Excavation by manual means for drains,canals, waste weir, drsft, approach ' channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical :specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, i excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. (PWD SR 2021-22 Vol -1 Pg No 5 item no ,1.4.1)	cum	431.60			-	214.81	-	-	-	
2	Providing and laying in position Plain ' Cement Concrete Mix 1 :3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well i . compacted using plate vibrators, including ' all lead & lifts, cost of all materials of ; quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (PWD SR 2021-22 Vol -I Pg 15 item no 2.1 .3)	cum	58.05			-	6414.26	-	-	-	
3	Providing and laying in position Rein forced cement concrete for art Sub structures of building, lirrigation works, Sub structure works of bridges, Drain worlds & other parallel works from 0.50 to 3.50 mtr height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per re levant IS Codes machine mixed with sri per plastic isers, laid in layers, well compacted using need le vibrators, providing weep holes wliei ever necesary, including all lead & lifts, cost of at I inatei ials of q reality, confirming to the i equii einents of i elevant IS codes, labour, usage charges of machinary and all other appurtenances required to complete the world as per technical specifications. M20 (The cost of steel reinforce intent & fOl'ir work to be paid separately) (PWD SR 202 1 -22 Vol -1 Pg 17 ' item no 2.4.2))	Cum	136.17			-	7237.00	-	-	-	
4	Supply ing, Fitting and P lacing un-coated TMT bar Reinforcement in sub-structui e complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200 (PWD SR 2021 -22 Vol -II I	Tonne	8.31			-	106446.21	-	-	-	

Sl. No	Description of Work	Units	Sch B Qty.	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
				Qty.	Cost	Qty.	Rate Rs. P.	Cost	Qty.	Cost	
5	Providing and laying in position Rein forced cement conci ete for art Sub structures of bui lding, li i igation works, Sub str uctui e wolks of bridges, Drain worlds & other paral le1 woi ks from 0.50iii to 3.50 rn he ight.The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per re levant IS Codes machine mixed with sri per plastic isers, laid in layers, well compacted using need le vibrators, providing weep holes wliei ever necesary, including all lead & lifts, cost of at l inatei ials of q reality, confirming to the i equii einents of i elevant IS codes, labour, U sage charges of inac h inei y. curing and al l other appurtenances requ ii-ed to complete the world as per teclujical spec ifications. Mix 1:2:4(M15)	Cum	2.70			-	6790.75	-	-	-	
6	Providing and fixing pre cast covering slab made out of CC 1:2:4 with 10cm thick and finishing cutting including form work, curing , including cost of all materials , labour,hire charges of machinery,loading unloading lead and lift ,transportation etc complete .(Data Rate)	Sqm	355.20			-	2453.62	-	-	-	
7	Providing and Fixing pre cast covering slab 250mm thick made out of CC 1:2:4 and jelly 25mm down size with steel reinforcement including form work ,curing,including cost of all materials ,labour, hire charges of machinery ,loading unloading lead and lift ,transportation etc complete as per engineer incharge	Sqm	14.40			-	5688.36	-	-	-	
8	Providing ,laying , spreading and compacting graded stone aggregates to wet mix Macadam specification including premixing the materials with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site ,laying in uniform layers with pavers/grader in sub -base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH specification No.406(Pwd SR 21-22 VolII Pg no 24 Item No.4.27(A))	Cum	125.78			125.75	2764.81	347674.86 347675.00	125.75	347674.86 347675.00	
9	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means.Morth Specification No.502 PWD SR 21-22 (P.No.29 It.No.5.1A(i), PWD SR 2021-22 (Vol-III))	Sqm	838.55								
9A	Upto 125%		735.75			735.75	48.51	35691.23	735.75	35691.23	
9B	Above 125%		24.25			24.25	48.51	1176.37	24.25	1176.37	
10	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects (Pg:33, It.No-5.12 C PWD SR:2021-22 (Vol-III))	Cum	41.93							388302/2	
10A	Upto 125%		36.79			36.79	10554.54	388301.53	36.79	388301.53	
10B	Above 125%		5.14			5.14	10554.54	54250.34	5.14	54250.34	
11	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specifiction No. 503 (P.No.29 It.No.5.3, PWD SR 2021-22 (Vol-III))	Sqm	3493.95			5.12		54039/2	5.12	54039/2	

Sl. No	Description of Work	Units	Sch B Qty.	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
				Qty.	Cost	Qty.	Rate Rs. P.	Cost	Qty.	Cost	
11A	Upto 125%		2452.50			2452.50	16.17	39656.93	2452.50	39656.93	
11B	Above 125%		1041.45			1041.45	16.17	16840.25	1041.45	16840.25	
12	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using Crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respec (Pg:36, It.No-5.16 C PWD SR:2021-22 (Vol-III))	Cum	139.76			1040.50		16825	1040.50	16825	
12A	Upto 125%		98.10			98.10	12254.54	1202170.37	98.10	1202170.37	
12B	Above 125%		41.66			41.66	12254.54	510524.14	41.66	510524.14	
13	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. Page No. 57/ Item No. 8.15 PWD SR 2021-22 (Vol-III).	Sqm	123.24					510279.00	41.64	510279.00	
13A	Upto 125%		109.00			109.00	552.04	60172.36	109.00	60172.36	
13B	Above 125%		14.24			14.24	552.04	7861.05	14.24	7861.05	
14	Loading and unloading of stone Boulder/stone aggreagtes/sand/kankar/ morrums.(Tippers 14m3)(PWD SR 20121-22 Vol -III pg no 3 item no.1.1 C)	Cum	643.61			190.20	85.46	16254.63	190.20	16254.63	
15	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km (Vol-III) Page No.3, Item No.1.4B of PWD SR 2021-22	T.km	8073.47			2385.89	12.60	30062.20	2385.89	30062.20	
EITL-1	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work ((V-I, P.No-8, I No-1.12 of PWD SR 2021-22)	cum	212.01			190.20	75.07	14278.03	190.20	14278.03	
EITL-2	Construction of dry lean Cement concrete Sub- base over a prepared sub grade with coarse and fine aggregates confirming to IS :383, the size of coarse aggregates not exceeding 25mm, aggregates cement ratio not to exceed 15:1 agregates gradation aftr blending to be as per table 600-1 cement content not be less than 150kg/m3 optimum moisture contnt to be detrmined during trail length construction concrete strength not to be less than 10Mpa at 7 days mixed in a batching plant transported to site laid with a paver with electronic sensor compacting with 8-10t vibratory roller finishing and curing (vol III item no 6.1 pg no. 43)	Cum	41.09			17.48	4845.92	84684.85 84707.00	17.48	84684.85 84707.00	

Sl. No	Description of Work	Units	Sch B Qty.	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
				Qty.	Cost	Qty.	Rate Rs. P.	Cost	Qty.	Cost	
EITL-3	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work. Page No. 138/ Item No. 20.29/ PWD SR 2021-22 (Vol-III).	Cum	41.09			17.48 17.40 2946406.00	7895.98	137986.25 137390.00	17.48 17.40	137986.25 137390.00	
		Total Round off		-	2946000.00		2,947,585.36		2947585.36	
		GST 18%		-	530280.00		530,565.00		530,565.00	
		GRAND TOTAL		-	3476280.00		**3,478,150.36**		**3,478,150.36**	

CERTIFICATE:-

1. The work has been completed satisfactorily.
2. The work spot comes under BBMP Limits.
3. No Debris in Work Spot.
4. All Measurements are recorded in E-MB.

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ಕೋಡಿಗೇಹಳ್ಳಿ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore